

1. A method for producing a multi-ply web of flexible material, the method comprising:

separately embossing at least one first ply by a first embossing means to form a plurality of crests and depressions;

combining the at least one first ply with at least one second ply to form the multi-ply web; and

after combining the first and second plies, bringing the first and second plies into a nip between a spiked roll and a smooth rigid roll, the spiked roll having a plurality of protuberances adapted to press together the first and second plies in points or spots to cause a mechanical ply bonding between at least the first and second plies, and wherein the first embossing means and the spiked roll are in register with each other so that the protuberances of the spiked roll will hit at least some of the depressions of the ply facing the spiked roll.

2. The method as claimed in claim 1, comprising:

separately embossing the second ply by a second embossing means to form a plurality of crests and depressions before the second ply is combined with the first ply.

3. The method as claimed in claim 2, wherein embossing patterns of the first embossing means and the second embossing means are in register with each other in a manner in which crests of the inner surface of one ply are received in depressions of the inner surface of an opposite ply.

4. The method as claimed in claim 1, wherein a cross-sectional dimension (a) of the protuberances of the spiked roll is smaller than a cross-sectional dimension (b) of the depressions which the protuberances are intended to hit.

5. A multi-ply web of flexible material, the multi-ply web comprising at least one first ply and one second ply, at least one of which is embossed to form a plurality of crests and depressions, the at least one first ply and at least one second ply being bonded together by mechanical ply bonding, wherein bonding spots or points are located in at least

some of the depressions of one embossed side of the paper product and the bonding spots or points are of a smaller dimension (a) as compared to a dimension (b) of a bottom of the depressions.

6. The multi-ply web as claimed in claim 5, wherein the bonding spots or points will not protrude from an opposite side of the multi-ply web.

7. The method as claimed in claim 1, wherein the multi-ply web comprises a paper and a non-woven.

8. The method as claimed in claim 5, wherein the multi-ply web comprises a paper and a non-woven.